

Remarks: General

The claims have been amended by rewriting Claims 20 and 21, and by adding new claims dependent thereon, for the purpose of presenting therein a more detailed description of certain features of particular interest that are included among the various embodiments of this invention. Other claims have also been amended to adjust dependency.

Claims 23, 24 and 28 were cancelled in Applicant's paper filed on July 21, 2008, and Claims 1~19 are being cancelled herein without prejudice to or disclaimer of the subject matter thereof. As a result, with the addition herein of new Claims 39~41, Claims 20~22, 25~27 and 29~41 are now active in the application.

Terminology or other subject matter that may not have been present in the claims as originally filed, or as previously amended, has been inserted by amendment to certain existing claims or by addition in the new claims. No new matter is being thereby incorporated, however, as basis in the specification for the various amendments is as follows:

in Claims 20 and 21, support for the means plus function element (c) may be found in Claim 16,

Claims 39 and 40 correspond to original Claims 23 and 24, and

in Claim 41, support for the recitation of ammonia may be found on page 50 at line 9.

By Applicant's calculation, no fee is due by reason of this amendment to the claims and/or the addition of new Claims 39~41. The cancellation of Claims 1~19 has been taken into account in the fee calculation. If, however, Applicant's calculation is in error, please charge any required fee to Deposit Account No. 04-1928 (E.I. du Pont de Nemours and Company).

A request for continued examination under 37 CFR §1.114 is enclosed, the fees for which should be charged to Deposit Account No. 04-1928.

By Applicant's calculation, no fee other than as stated above is due by reason of the filing of this paper. If, however, any other or further fee is required to authorize or obtain consideration of this response, please charge any required fee to Deposit Account No. 04-1928.

Applicant hereby requests entry of the above described amendments, and requests reconsideration and further examination of the application in view of those amendments and the reasons it has set forth below for allowance of the claims.

Remarks: Detailed Action

I.

In Item 5, the Examiner has rejected Claims 1~22, 25~27 and 29~38 under 35 U.S.C. §112, second paragraph, as being indefinite. Claims 1~19 have been cancelled.

As the passage in question has been deleted from Claims 20 and 21, Applicant respectfully requests that the Examiner withdraw this rejection under 35 U.S.C. §112.

II.

The Examiner has rejected Claims 1~6 under 35 U.S.C. §102(b) as being anticipated by EP 806,657 ("Smith"), and has rejected Claims 1, 25~27, 29, 31~34 and 36~38 under 35 U.S.C. §102(b) as being anticipated by US 4,542,640 ("Clifford"). Claims 1~19 have been cancelled.

The Examiner has rejected Claims 1~6 under 35 U.S.C. §103(a) as being unpatentable over Smith; and has rejected Claims 7~22, 30 and 35 under 35 U.S.C. §103(a) as being unpatentable over Clifford in view of US 4,347,732 ("Leary"). Claims 1~19 have been cancelled.

While the cited references mention the use of a variety of different gas sensing materials, the references do not individually or together teach or suggest an apparatus characterized by the specific groupings of materials as recited in the claims together with means for obtaining, from no information about the gas mixture other than the individual electrical response of the chemo/electro-active materials, a determination related to the presence or concentration of a component in the gas mixture.

In view of the above distinctions between the cited references and the subject matter of the pending claims, Applicant respectfully requests that the Examiner withdraw all rejections of the pending claims, and submits that the new claims are patentable for the same reasons set forth above.

In view of the foregoing, Applicant submits that all of the Examiner's objections and rejections have been properly traversed, and that the pending claims are in condition for allowance, request for which is hereby respectfully made.

Respectfully submitted,

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